

BMP-Based Method 4 GPCD Target Calculator

Color Key

User Input
Model Assumption
Model Calculation

Water Supplier:

City of Carpenteria

Hydrologic Region:

Cent Coast

Mid Point of Base Period

2005 <<Assume 2005

Baseline Population

14,284 <<From DOF E-5

Baseline Gross Water Use (AF)

4,405 <<From BMP dai

Baseline Water Use (GPCD):

275.3 <<Calculated

BMP Savings (GPCD):

BMP 1.2 Water Loss Control

-9.7

Go To

[Calculator](#)

BMP 1.3 Metering

0.0

[Calculator](#)

BMP 3.1 Residential Assistance

-0.2

[Calculator](#)

BMP 3.2 Residential Landscape

-0.2

[Calculator](#)

BMP 4 CII

-15.0

[Calculator](#)

BMP 5.2 Landscape Budgets

0.0

[Calculator](#)

Subtotal BMP Savings

-25.1

GPCD Adjustment

-1.0

<<Adjustment ne

Total Savings (GPCD):

-43.9

Total Savings (% of Baseline):

-16.0%

BMP-Based Target (GPCD):

231.4

Comparison to Methods 1 and 3

	Target	% Savings	
BMP-Based Target:	231.4	-16.0%	
Method 1	220.2	-20.0%	BM
Method 3	116.9	-57.6%	BM

Regional Targets from 20x2020 Report

HR	2020 Target
North Coast	137
SF Bay	131
Cent Coast	123
South Coast	149
Sac River	176
SJ River	174
Tulare Lake	188
N. Lahontan	173
S. Lahontan	170
CO River	211

_2010.xls reports (BMP report quite different)

tabase Water Supply & Reuse form (excluding recycled water use) for 2006, 2005 looks bad

Plumbing Device Saturation Savings (GPCD):

		Go To
Single Family Toilets	-4.2	Calculator
Multi Family Toilets	-5.1	Calculator
Residential Washers	-3.8	Calculator
Residential Showerheads	-0.7	Calculator
CII Toilets	-3.3	Calculator
CII Urinals	-0.6	Calculator
Subtotal Plumb. Device Savings	-17.8	

needed to achieve statewide 20% reduction.

nd 3 Targets

¹P-based target is 11.1 gpcd greater than Method 1 target.

¹P-based target is 114.5 gpcd greater than Method 3 target.